## AMENDMENT TO THE SPECIFICATION

Please amend the Abstract as set forth hereinbelow.

A resonant optical filter ~~including a~~ includes first and second transmission ~~optical~~ waveguides and a ~~resonator, which resonator may include~~ resonator (including one or more ~~resonator segements~~ evanescently ~~optically~~ coupled resonator segments). ~~therebetween.~~ The resonator supports ~~a~~ at least one circumferential resonant ~~optical~~ mode and is evanescently coupled to ~~each of the first and second transmission optical~~ the waveguides. ~~In a preferred embodiment, an~~ An optical signal ~~entering the resonant optical~~ filter through ~~the first transmission optical~~ a waveguide and substantially resonant with ~~an optical resonance of~~ the resonator is ~~substantially~~ transferred to the ~~second transmission optical~~ other waveguide, ~~waveguide and leaves the resonant optical filter through the second transmission optical waveguide,~~ while an optical signal entering the ~~resonant optical~~ filter ~~through the first transmission optical waveguide~~ and substantially non-resonant with ~~an optical resonance of the coupled optical resonator system substantially~~ the resonator remains in the ~~first transmission optical~~ same waveguide. ~~waveguide and leaves the resonant optical filter through the first transmission optical waveguide. Where a resonator includes multiple resonator segments, the~~ Multiple resonator segments ~~of the preferred embodiments are on the same optical~~ may be formed on a common resonator fiber and positioned ~~sufficiently close together to enable optical~~ for enabling coupling between ~~them so as to provide~~ them, resulting in a tailored frequency filter function. ~~function for optically coupling first and second transmission optical waveguides.~~ The resonators may ~~be further provided with one or more~~ include alignment ~~structures~~ structure(s) (flanges, grooves, etc) ~~including flanges and/or grooves~~ for enabling passive positioning and/or supporting first and second transmission ~~optical waveguides including optical fibers and~~ waveguides, such as optical fiber tapers. Structures may also be provided for suppressing undesired optical modes and/or resonances associated with the resonators and/or alignment structures on the ~~optical~~ resonator fiber.